

AMENDMENTS TO THE CLAIMS

Please cancel claims 2-59 and 61-109, and amend claims 114–118. Following is a complete listing of the claims pending in the application as amended:

1. (Original) A method of hydrogenating an unsaturated feedstock, comprising:
producing a catalyst composition by heating a nickel-based catalyst to a first temperature of at least about 85° C in the presence of a process gas and a protective non-gas medium; and, thereafter,
contacting the unsaturated feedstock with the catalyst composition and
hydrogenating the unsaturated feedstock by sustaining a hydrogenation reaction at a second temperature of no greater than about 70° C, the feedstock comprising at least one unsaturated organic component.
- 2-59. (Canceled)
60. (Original) A substantially platinum-free hydrogenation catalyst composition comprising:
a protective non-gas medium; and
a nickel-based catalyst dispersed in the protective non-gas medium, the nickel-based catalyst being adapted to sustain, at a temperature of about 70° C or less and in the presence of hydrogen, a hydrogenation reaction of a dielectric oil comprising polyunsaturated fatty acids.
- 61-109. (Canceled)

110. (Original) A partially hydrogenated sunflower oil formed from a sunflower oil having a C18:1 content of less than 77 weight percent prior to hydrogenation, wherein the partially hydrogenated sunflower oil:

- is no more solid than semi-liquid at about 25°C;
- has a ratio of *cis*- to *trans*- forms of C18:1, C18:2 and C18:3 fatty acids (CFA : TFA) of at least about 15;
- has a ratio of C18 to *trans*- forms of C18:1, C18:2 and C18:3 fatty acids (C18 : TFA) of at least about 1.2; and
- an induction period at 120° C of at least about 5 hours.

111. (Original) A partially hydrogenated sunflower oil that:

- is no more solid than semi-liquid at about 25°C;
- has a ratio of *cis*- to *trans*- forms of C18:1, C18:2 and C18:3 fatty acids (CFA : TFA) of at least about 25;
- has a ratio of C18 to *trans*- forms of C18:1, C18:2 and C18:3 fatty acids (C18 : TFA) of at least about 1.5; and
- an induction period at 120° C of at least about 10 hours.

112. (Original) A partially hydrogenated palmolein fat that:

- is no more solid than semi-liquid at about 25°C;
- has a C18:2 content of no greater than about 7 weight percent;
- has a *trans*-fatty acid content of no more than about 6 weight percent; and
- has a ratio of *cis*- to *trans*- forms of C18:1, C18:2 and C18:3 fatty acids (CFA : TFA) of at least about 6.

113. (Original) A partially hydrogenated corn oil that:

- is no more solid than semi-liquid at about 25°C;
- has a C18:2 content of no greater than about 50 weight percent;
- has a *trans*-fatty acid content of no more than about 6 weight percent; and

has a ratio of *cis*- to *trans*- forms of C18:1, C18:2 and C18:3 fatty acids (CFA : TFA) of at least about 15.

114. (Currently Amended) A food product comprising an emulsion of water and the partially hydrogenated edible oil of ~~any one of claims 95, 103, claim 110, 111, 112, and 113.~~

115. (Currently Amended) The food product of claim ~~103-110~~ further comprising lecithin.

116. (Currently Amended) A margarine composition comprising water and the partially hydrogenated edible oil of ~~any one of claims 95, 103, claim 110, 111, 112, and 113.~~

117. (Currently Amended) An ice cream composition comprising water and the partially hydrogenated edible oil of ~~any one of claims 95, 103, claim 110, 111, 112, and 113.~~

118. (Currently Amended) A food product comprising sugar and the partially hydrogenated edible oil of ~~any one of claims 95, 103, claim 110, 111, 112, and 113.~~

119. (New) The partially hydrogenated sunflower oil of claim 110 wherein the CFA : TFA ratio is at least about 18.

120. (New) The partially hydrogenated sunflower oil of claim 110 wherein the CFA : TFA ratio is no greater than about 75.

121. (New) The partially hydrogenated sunflower oil of claim 110 wherein the CFA : TFA ratio is no greater than about 50.

122. (New) The partially hydrogenated sunflower oil of claim 110 wherein the C18 : TFA ratio is at least about 1.5.

123. (New) The partially hydrogenated sunflower oil of claim 110 wherein the C18 : TFA ratio is at least about 2.

124. (New) The partially hydrogenated sunflower oil of claim 110, wherein the sunflower oil is formed from a sunflower oil having a C18:1 content of less than about 60 weight percent prior to hydrogenation, and wherein the partially hydrogenated sunflower oil has an induction period at 120° C of at least about 8 hours.

125. (New) The partially hydrogenated sunflower oil of claim 111 wherein the CFA : TFA ratio is at least about 40.

126. (New) The partially hydrogenated sunflower oil of claim 111 wherein the C18 : TFA ratio is at least about 2.0.

127. (New) The partially hydrogenated sunflower oil of claim 111 wherein the C18 : TFA ratio is at least about 3.0.

128. (New) The partially hydrogenated sunflower oil of claim 111 wherein the C18 : TFA ratio is no greater than about 6.0.